



OIPE

ENTERED

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/990,586

DATE: 07/30/2002
TIME: 16:17:57

Input Set : A:\7146cip2.app
Output Set: N:\CRF3\07302002\I990586.raw

4 <110> APPLICANT: JIAO, JIN-AN
 5 WONG, HING C.
 7 <120> TITLE OF INVENTION: ANTIBODIES FOR INHIBITING BLOOD COAGULATION AND METHODS
 8 OF USE THEREOF
 10 <130> FILE REFERENCE: 71758/46943-CIP2
 12 <140> CURRENT APPLICATION NUMBER: 09/990,586
 13 <141> CURRENT FILING DATE: 2001-11-21
 15 <150> PRIOR APPLICATION NUMBER: 09/293,854
 16 <151> PRIOR FILING DATE: 1999-04-16
 18 <160> NUMBER OF SEQ ID NOS: 102
 20 <170> SOFTWARE: PatentIn Ver. 2.1
 22 <210> SEQ ID NO: 1
 23 <211> LENGTH: 321
 24 <212> TYPE: DNA
 25 <213> ORGANISM: Homo sapiens
 27 <220> FEATURE:
 28 <221> NAME/KEY: CDS
 29 <222> LOCATION: (1)..(321)
 31 <400> SEQUENCE: 1
 32 gac att cag atg acc cag tct cct gcc tcc cag tct gca tct ctg gga 48
 33 Asp Ile Gln Met Thr Gln Ser Pro Ala Ser Gln Ser Ala Ser Leu Gly
 34 1 5 10 15
 36 gaa agt gtc acc atc aca tgc ctg gca agt cag acc att gat aca tgg 96
 37 Glu Ser Val Thr Ile Thr Cys Leu Ala Ser Gln Thr Ile Asp Thr Trp
 38 20 25 30
 40 tta gca tgg tat cag cag aaa cca ggg aaa tct cct cag ctc ctg att 144
 41 Leu Ala Trp Tyr Gln Gln Lys Pro Gly Lys Ser Pro Gln Leu Leu Ile
 42 35 40 45
 44 tat gct gcc acc aac ttg gca gat ggg gtc cca tca agg ttc agt ggc 192
 45 Tyr Ala Ala Thr Asn Leu Ala Asp Gly Val Pro Ser Arg Phe Ser Gly
 46 50 55 60
 48 agt gga tct ggc aca aaa ttt tct ttc aag atc agc agc cta cag gct 240
 49 Ser Gly Ser Gly Thr Lys Phe Ser Phe Lys Ile Ser Ser Leu Gln Ala
 50 65 70 75 80
 52 gaa gat ttt gta aat tat tac tgt caa caa gtt tac agt tct cca ttc 288
 53 Glu Asp Phe Val Asn Tyr Tyr Cys Gln Gln Val Tyr Ser Ser Pro Phe
 54 85 90 95
 56 acg ttc ggt gct ggg acc aag ctg gag ctg aaa 321
 57 Thr Phe Gly Ala Gly Thr Lys Leu Glu Leu Lys
 58 100 105
 61 <210> SEQ ID NO: 2
 62 <211> LENGTH: 107
 63 <212> TYPE: PRT

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/990,586

DATE: 07/30/2002
TIME: 16:17:57

Input Set : A:\7146cip2.app
Output Set: N:\CRF3\07302002\I990586.raw

64 <213> ORGANISM: Homo sapiens
 66 <400> SEQUENCE: 2
 67 Asp Ile Gln Met Thr Gln Ser Pro Ala Ser Gln Ser Ala Ser Leu Gly
 68 1 5 10 15
 70 Glu Ser Val Thr Ile Thr Cys Leu Ala Ser Gln Thr Ile Asp Thr Trp
 71 20 25 30
 73 Leu Ala Trp Tyr Gln Gln Lys Pro Gly Lys Ser Pro Gln Leu Leu Ile
 74 35 40 45
 76 Tyr Ala Ala Thr Asn Leu Ala Asp Gly Val Pro Ser Arg Phe Ser Gly
 77 50 55 60
 79 Ser Gly Ser Gly Thr Lys Phe Ser Phe Lys Ile Ser Ser Leu Gln Ala
 80 65 70 75 80
 82 Glu Asp Phe Val Asn Tyr Tyr Cys Gln Gln Val Tyr Ser Ser Pro Phe
 83 85 90 95
 85 Thr Phe Gly Ala Gly Thr Lys Leu Glu Leu Lys
 86 100 105
 90 <210> SEQ ID NO: 3
 91 <211> LENGTH: 351
 92 <212> TYPE: DNA
 93 <213> ORGANISM: Homo sapiens
 95 <220> FEATURE:
 96 <221> NAME/KEY: CDS
 97 <222> LOCATION: (1)..(351)
 99 <400> SEQUENCE: 3
 100 gag atc cag ctg cag cag tct gga cct gag ctg gtg aag cct ggg gct 48
 101 Glu Ile Gln Leu Gln Gln Ser Gly Pro Glu Leu Val Lys Pro Gly Ala
 102 1 5 10 15
 104 tca gtg cag gta tcc tgc aag act tct ggt tac tca ttc act gac tac 96
 105 Ser Val Gln Val Ser Cys Lys Thr Ser Gly Tyr Ser Phe Thr Asp Tyr
 106 20 25 30
 108 aac gtg tac tgg gtg agg cag agc cat gga aag agc ctt gag tgg att 144
 109 Asn Val Tyr Trp Val Arg Gln Ser His Gly Lys Ser Leu Glu Trp Ile
 110 35 40 45
 112 gga tat att gat cct tac aat ggt att act atc tac gac cag aac ttc 192
 113 Gly Tyr Ile Asp Pro Tyr Asn Gly Ile Thr Ile Tyr Asp Gln Asn Phe
 114 50 55 60
 116 aag ggc aag gcc aca ttg act gtt gac aag tct tcc acc aca gcc ttc 240
 117 Lys Gly Lys Ala Thr Leu Thr Val Asp Lys Ser Ser Thr Thr Ala Phe
 118 65 70 75 80
 120 atg cat ctc aac agc ctg aca tct gac gac tct gca gtt tat ttc tgt 288
 121 Met His Leu Asn Ser Leu Thr Ser Asp Asp Ser Ala Val Tyr Phe Cys
 122 85 90 95
 124 gca aga gat gtg act acg gcc ctt gac ttc tgg ggc caa ggc acc act 336
 125 Ala Arg Asp Val Thr Thr Ala Leu Asp Phe Trp Gly Gln Gly Thr Thr
 126 100 105 110
 128 ctc aca gtc tcc tca
 129 Leu Thr Val Ser Ser 351
 130 115
 133 <210> SEQ ID NO: 4

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/990,586

DATE: 07/30/2002

TIME: 16:17:57

Input Set : A:\7146cip2.app

Output Set: N:\CRF3\07302002\I990586.raw

134 <211> LENGTH: 117
135 <212> TYPE: PRT
136 <213> ORGANISM: Homo sapiens
138 <400> SEQUENCE: 4
139 Glu Ile Gln Leu Gln Gln Ser Gly Pro Glu Leu Val Lys Pro Gly Ala
140 1 5 10 15
142 Ser Val Gln Val Ser Cys Lys Thr Ser Gly Tyr Ser Phe Thr Asp Tyr
143 20 25 30
145 Asn Val Tyr Trp Val Arg Gln Ser His Gly Lys Ser Leu Glu Trp Ile
146 35 40 45
148 Gly Tyr Ile Asp Pro Tyr Asn Gly Ile Thr Ile Tyr Asp Gln Asn Phe
149 50 55 60
151 Lys Gly Lys Ala Thr Leu Thr Val Asp Lys Ser Ser Thr Thr Ala Phe
152 65 70 75 80
154 Met His Leu Asn Ser Leu Thr Ser Asp Asp Ser Ala Val Tyr Phe Cys
155 85 90 95
157 Ala Arg Asp Val Thr Thr Ala Leu Asp Phe Trp Gly Gln Gly Thr Thr
158 100 105 110
160 Leu Thr Val Ser Ser
161 115
165 <210> SEQ ID NO: 5
166 <211> LENGTH: 7
167 <212> TYPE: PRT
168 <213> ORGANISM: Homo sapiens
170 <400> SEQUENCE: 5
171 Leu Ala Ser Gln Thr Ile Asp
172 1 5
175 <210> SEQ ID NO: 6
176 <211> LENGTH: 7
177 <212> TYPE: PRT
178 <213> ORGANISM: Homo sapiens
180 <400> SEQUENCE: 6
181 Ala Ala Thr Asn Leu Ala Asp
182 1 5
185 <210> SEQ ID NO: 7
186 <211> LENGTH: 9
187 <212> TYPE: PRT
188 <213> ORGANISM: Homo sapiens
190 <400> SEQUENCE: 7
191 Gln Gln Val Tyr Ser Ser Pro Phe Thr
192 1 5
195 <210> SEQ ID NO: 8
196 <211> LENGTH: 6
197 <212> TYPE: PRT
198 <213> ORGANISM: Homo sapiens
200 <400> SEQUENCE: 8
201 Thr Asp Tyr Asn Val Tyr
202 1 5
205 <210> SEQ ID NO: 9

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/990,586

DATE: 07/30/2002
TIME: 16:17:57

Input Set : A:\7146cip2.app
Output Set: N:\CRF3\07302002\I990586.raw

206 <211> LENGTH: 17
207 <212> TYPE: PRT
208 <213> ORGANISM: Homo sapiens
210 <400> SEQUENCE: 9
211 Tyr Ile Asp Pro Tyr Asn Gly Ile Thr Ile Tyr Asp Gln Asn Phe Lys
212 1 5 10 15
214 Gly
218 <210> SEQ ID NO: 10
219 <211> LENGTH: 8
220 <212> TYPE: PRT
221 <213> ORGANISM: Homo sapiens
223 <400> SEQUENCE: 10
224 Asp Val Thr Thr Ala Leu Asp Phe
225 1 5
228 <210> SEQ ID NO: 11
229 <211> LENGTH: 21
230 <212> TYPE: DNA
231 <213> ORGANISM: Homo sapiens
233 <400> SEQUENCE: 11
234 ctggcaagtc agaccattga t 21
237 <210> SEQ ID NO: 12
238 <211> LENGTH: 21
239 <212> TYPE: DNA
240 <213> ORGANISM: Homo sapiens
242 <400> SEQUENCE: 12
243 gctgccacca acttggcaga t 21
246 <210> SEQ ID NO: 13
247 <211> LENGTH: 28
248 <212> TYPE: DNA
249 <213> ORGANISM: Homo sapiens
251 <400> SEQUENCE: 13
252 caacaagttt acagttctcc attcacgt 28
255 <210> SEQ ID NO: 14
256 <211> LENGTH: 18
257 <212> TYPE: DNA
258 <213> ORGANISM: Homo sapiens
260 <400> SEQUENCE: 14
261 actgactaca acgtgtac 18
264 <210> SEQ ID NO: 15
265 <211> LENGTH: 51
266 <212> TYPE: DNA
267 <213> ORGANISM: Homo sapiens
269 <400> SEQUENCE: 15
270 tatattgtatc cttacaatgg tattactatc tacgaccaga acttcaaggg c 51
273 <210> SEQ ID NO: 16
274 <211> LENGTH: 24
275 <212> TYPE: DNA
276 <213> ORGANISM: Homo sapiens
278 <400> SEQUENCE: 16

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/990,586

DATE: 07/30/2002

TIME: 16:17:57

Input Set : A:\7146cip2.app

Output Set: N:\CRF3\07302002\I990586.raw

279 gatgtgacta cggcccttga cttc 24
 282 <210> SEQ ID NO: 17
 283 <211> LENGTH: 23
 284 <212> TYPE: DNA
 285 <213> ORGANISM: Artificial Sequence
 287 <220> FEATURE:
 288 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
 290 <400> SEQUENCE: 17
 291 gcacacctccag atgttaactg ctc 23
 294 <210> SEQ ID NO: 18
 295 <211> LENGTH: 20
 296 <212> TYPE: DNA
 297 <213> ORGANISM: Artificial Sequence
 299 <220> FEATURE:
 300 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
 302 <400> SEQUENCE: 18
 303 gaartavccc ttgaccaggc 20
 306 <210> SEQ ID NO: 19
 307 <211> LENGTH: 35
 308 <212> TYPE: DNA
 309 <213> ORGANISM: Artificial Sequence
 311 <220> FEATURE:
 312 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
 314 <400> SEQUENCE: 19
 315 ggaggcggcgt gttctgacat tgtgmtgwcm cartc 35
 318 <210> SEQ ID NO: 20
 319 <211> LENGTH: 45
 320 <212> TYPE: DNA
 321 <213> ORGANISM: Artificial Sequence
 323 <220> FEATURE:
 324 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
 326 <400> SEQUENCE: 20
 327 atttcaggcc cagccggcca tggccgargt ycarctkcar caryc 45
 330 <210> SEQ ID NO: 21
 331 <211> LENGTH: 33
 332 <212> TYPE: DNA
 333 <213> ORGANISM: Artificial Sequence
 335 <220> FEATURE:
 336 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
 338 <400> SEQUENCE: 21
 339 cccggggccac catgccccw rctcagtytc tkg 33
 342 <210> SEQ ID NO: 22
 343 <211> LENGTH: 35
 344 <212> TYPE: DNA
 345 <213> ORGANISM: Artificial Sequence
 347 <220> FEATURE:
 348 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
 350 <400> SEQUENCE: 22
 351 cccggggccac catgratgs agctgkgtma tsctc 35

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/990,586

DATE: 07/30/2002

TIME: 16:17:58

Input Set : A:\7146cip2.app

Output Set: N:\CRF3\07302002\I990586.raw